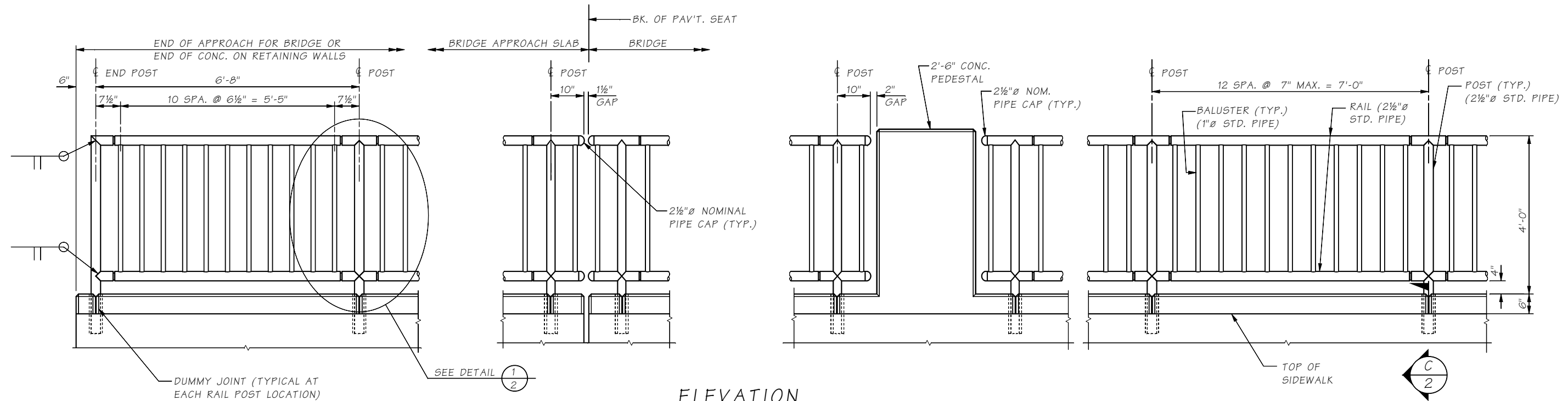


Last revised on :5/01/2019

SHEET

JOB NO. SR

10.5-A4-1



ELEVATION

BALUSTERS NORMAL TO GRADE.
TOP & BOTTOM RAILS PARALLEL TO GRADE.

NOTES

- PIPE RAILING AND PIPE RAILING SPLICES SHALL BE BENT TO THE HORIZONTAL CURVE WHERE THE RADIUS OF CURVATURE IS LESS THAN 200'. THESE ITEMS MAY BE HEATED TO NOT MORE THAN 400°F FOR A PERIOD NOT TO EXCEED 30 MINUTES TO FACILITATE FORMING OR BENDING TO HORIZONTAL CURVATURE.
- SHOP DRAWINGS OF RAILING SHALL BE SUBMITTED FOR APPROVAL SHOWING COMPLETE DIMENSIONS AND DETAILS OF FABRICATION AND INCLUDING AN ERECTION DIAGRAM. MATERIAL SPECIFICATIONS SHALL BE PROVIDED IN THE SHOP DRAWINGS FOR ALL COMPONENTS.
- CUTTING SHALL BE DONE BY SAWING OR MILLING AND ALL CUTS SHALL BE TRUE AND SMOOTH. FLAME CUTTING WILL NOT BE PERMITTED.
- WELDING OF ALUMINUM SHALL CONFORM TO STD. SPEC. SECTION 9-28.14(3).
- ALL ALUMINUM PARTS SHALL BE GIVEN A *[CLEAR OR BRONZE] ANODIC COATING OF AT LEAST 0.0006" THICK AND SEALED TO MEET THE REQUIREMENTS OF ASTM B 580 WITH A UNIFORM FINISH.
- PIPE RAILING, PIPE BALUSTERS AND PIPE RAILING SPLICES SHALL BE ADEQUATELY WRAPPED TO INSURE SURFACE PROTECTION DURING HANDLING AND TRANSPORTATION TO THE JOB SITE.

** NOTE TO DESIGNER:
Designer to choose color for their project in consultation with the Bridge Architect.*

MAT'L	PART	MATERIAL SPECIFICATION
ALUMINUM	PIPES	ASTM B221-6005-T5 SCHEDULE 80 (STD. PIPE) ASTM B241 OR B429 6061-T6
	BAR	ASTM B221-6005-T5
STEEL	DRIVE PINS	ASTM A276 OR A240 TYPE 302 STAINLESS STEEL

Bridge Design Engr.	M:\STANDARDS\BP Rails\4ftPedRail_Alumin 1.MAN						
Supervisor			REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Designed By			10	WASH.			
Checked By			JOB NUMBER				
Detailed By							
Bridge Projects Engr.							
Prelim. Plan By							
Architect/Specialist	DATE	REVISION	BY	APP'D			

Wed May 01 13:30:34 2019

BRIDGE AND STRUCTURES OFFICE



STANDARD RAILINGS

PEDESTRIAN RAILING
DETAILS 1 OF 2

BRIDGE SHEET NO.
SHEET
OF
SHEETS